

R1G225-AF11-21 ebmpast 48V 2.2A centrifugal fan

SKU: R1G225-AF11-21

Price: \$119.99

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r1g225-af11-21-ebmppast-48v-2-2a-m1g074-bf-centrifugal-fan/>

Product Description

The ebmpapst R1G225-AF11-21 is a highly efficient 48V DC EC centrifugal fan with backward-curved blades. It functions as a motorized impeller with an impeller diameter of 225mm. Operating at 48V DC, it consumes 95W of power, drawing 2.2A of current, and spins at 2700 RPM. This fan delivers a significant airflow of 1130 m³/h / 665 CFM and operates with a noise level of 67 dBA. It is rated IP44 for protection, features robust ball bearings, and utilizes a plastic impeller with a black-painted rotor surface. Its EC motor technology with integrated electronics and speed control features makes it ideal for precision ventilation in applications such as telecommunication cabinets, air purification systems, and other controlled environments.

R1G225-AF11-21 Fan Parameters

Model Number: R1G225-AF11-21

Manufacturer: ebmpapst

Type: EC Centrifugal Fan / Motorized Impeller (Backward-Curved, Single Inlet)

Impeller Diameter: 225mm

Rated Voltage: 48 VDC

Operating Voltage Range: 36 - 57 VDC

Rated Current: 2.2A

Rated Power: 95W

Speed: 2700 RPM

Airflow (Free Air): 1130 m³/h / 665 CFM

Static Pressure: Up to 442 Pa

Noise Level: 67 dBA

IP Rating: IP44

Connector: 4 Wire Leads (Power: Red/Blue; Control: Yellow for 0-10VDC/PWM, White for Tach output)

Bearing Type: Ball Bearing

Impeller Material: PA66 plastic, glass-fiber reinforced, with sheet-metal plate

Rotor Surface: Painted black

Operating Temperature: -25°C to +60°C

Weight: 1.5 kg

Features: EC motor technology, integrated electronics, 0-10 VDC / PWM control input, Tach output, Motor current limitation, Soft start, Reverse polarity and locked-rotor protection

Approvals/Certifications: CE, CSA C22.2 No. 77, UL 1004-1, CCC

Key Application: Telecommunication cabinets, Air purification systems, Medical equipment, Controlled environment ventilation

ebmpast imported R1G225-AF11-21 48V 2.2A M1G074-BF purifier centrifugal fan

Product Images







R1G225-AF11-21

48 V $\overline{\text{DC}}$ (36 -57V $\overline{\text{DC}}$) DC 2.2 A

95W/66W(输入/输出)

2700 r/min

Ins. Cl. B级 IP44



2039000437

红 (red) + 白 (white) 转速输出 (tach output)
蓝 (blue) - 黄 (yellow) 控制输入 (control input)

special moist. prot.



us 型号: *M1G074-BF 直流电动机

制造商: ebm-papst Mulfingen GmbH & Co. KG

CN(N) 39/20

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